

Appl. No. 10/681,497

Amdt. Dated Dec 22, 2005

Reply of Office action of Aug. 8, 2005 and Notice of non-compliance dated Dec 20, 2005

Amendments to the Specification:

Please replace paragraph [0013] with the following amended paragraph:

[0013] As used in this invention, the term “boron-containing fungicide” includes calcium borate, zinc borate, and boric acid. The calcium borate which can be used in the method of this invention may be any of the borate compounds containing calcium, boron, and oxygen. ~~The calcium borates include the calcium polytriborates, with a CaO:B₂O₃ ratio of 2:3 and the calcium hexaborates with a CaO:B₂O₃ ratio of 1:3.~~ Calcium hexaborates include nobleite and gowerite. Optionally, calcium-sodium borates and calcium-magnesium borates may be used; examples include ~~ulexite, probertite and hydroboracite.~~ This includes calcium borates that may be synthetically produced or naturally occurring borates including colemanite, ulexite, nobelite, hydroboracite, and gowerite.

Please delete paragraph [0014]

Please renumber paragraph [0015] as [0014]

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Please renumber paragraph [0016] as [0015] amended as follows:

[0016] [0015] The amount of boron-containing fungicide incorporated into the lignocellulosic thermoplastic composite will depend on the lignocellulosic content, the longevity desired and the anticipated exposure to moisture. In general, when resistance to decay caused by fungus is required, a range of about 0.2 to 5 percent by weight of the fungicide is required. The preferred amount is about 0.3 to 2 percent. ~~For lignocellulosic loadings less than 60 percent and about 2 to 4 percent for lignocellulosic loadings greater than 60 percent.~~

Please renumber paragraph [0017] as [0016] amended as follows:

[0017] [0016] When resistance to visual impairment to the surface caused by mold is required, the amount will be in the range of about 2 1.5 to 12 10 percent. The preferred amount is about 3 to 5 percent.